

14th ITP/CAS-BLTP/JINR

Joint Workshop on Physics of Strong Interacting Systems

(October 18-23, 2026, Nanjing, China)

(First announcement)

The 14th Joint Workshop on Physics of Strong Interacting Systems organized by the Institute of Theoretical Physics at the Chinese Academy of Sciences (ITP/CAS) and the Bogoliubov Laboratory of Theoretical Physics at the Joint Institute for Nuclear Research (BLTP/JINR) will be held on October 18-23, 2026 in Nanjing, China, with University of Aeronautics and Astronautics as the local organizer. The workshop follows the previous workshops held in Dubna (2010, 2014, 2016), St. Petersburg (2018), Yerevan (2023), Almaty (2025) organized by BLTP/JINR, and in Beijing (2011, 2013), Guilin (2015), Shenzhen (2017), Guangzhou (2019), Huzhou (2024) organized by ITP/CAS. The purpose of this workshop is to solve the open problems in nuclear physics within the existing collaborations and to create new collaborations in nuclear community, especially between the theorists and experimentalists.

Main Topics

- Study of complete fusion reactions leading to superheavy nuclei
- Quasi-fission and transfer-type reactions and production of exotic nuclei
- Shape-and K-isomers in heaviest nuclei
- The cluster approach to fission of nuclei
- Complex emission from strongly excited nuclei
- Structure of nuclei with modern microscopical methods
- The equation of state of isospin asymmetric nuclear matter
- Decays of exotic nuclei
- Hadron spectrum and structure
- Effective theories of strong interaction

Organizing Committee

Gurgen Adamian	(BLTP/JINR)
Nikolai Antonenko	(co-chair, BLTP/JINR)
FengKun Guo	(ITP/CAS)
XiaoTao He	(co-chair, NUAA)
JingJing Li	(NUAA)
Xiao Lu	(ITP/CAS)
Ivan Rogov	(BLTP/JINR)
YiBo Yang	(ITP/CAS)
DanDan Zhang	(ITP/CAS)
ShanGui Zhou	(co-chair, ITP/CAS)

Conference website

<https://indico.itp.ac.cn/event/426/>

Registration fee
to be determined

Important Dates

Abstract submission closing	August 18, 2026
Registration closing	July 18, 2026
Arrival	October 18, 2026
Conference time	October 19 - 22, 2026
Departure	October 23, 2026

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